

THIRD-ORDER LEVELING  
SEA LEVEL DATUM OF 1929

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

38-084-34  
LOCKPORT QUADRANGLE  
186 KENTUCKY  
N3815-W8445/15  
DIAGRAM NJ 16-6  
LOUISVILLE

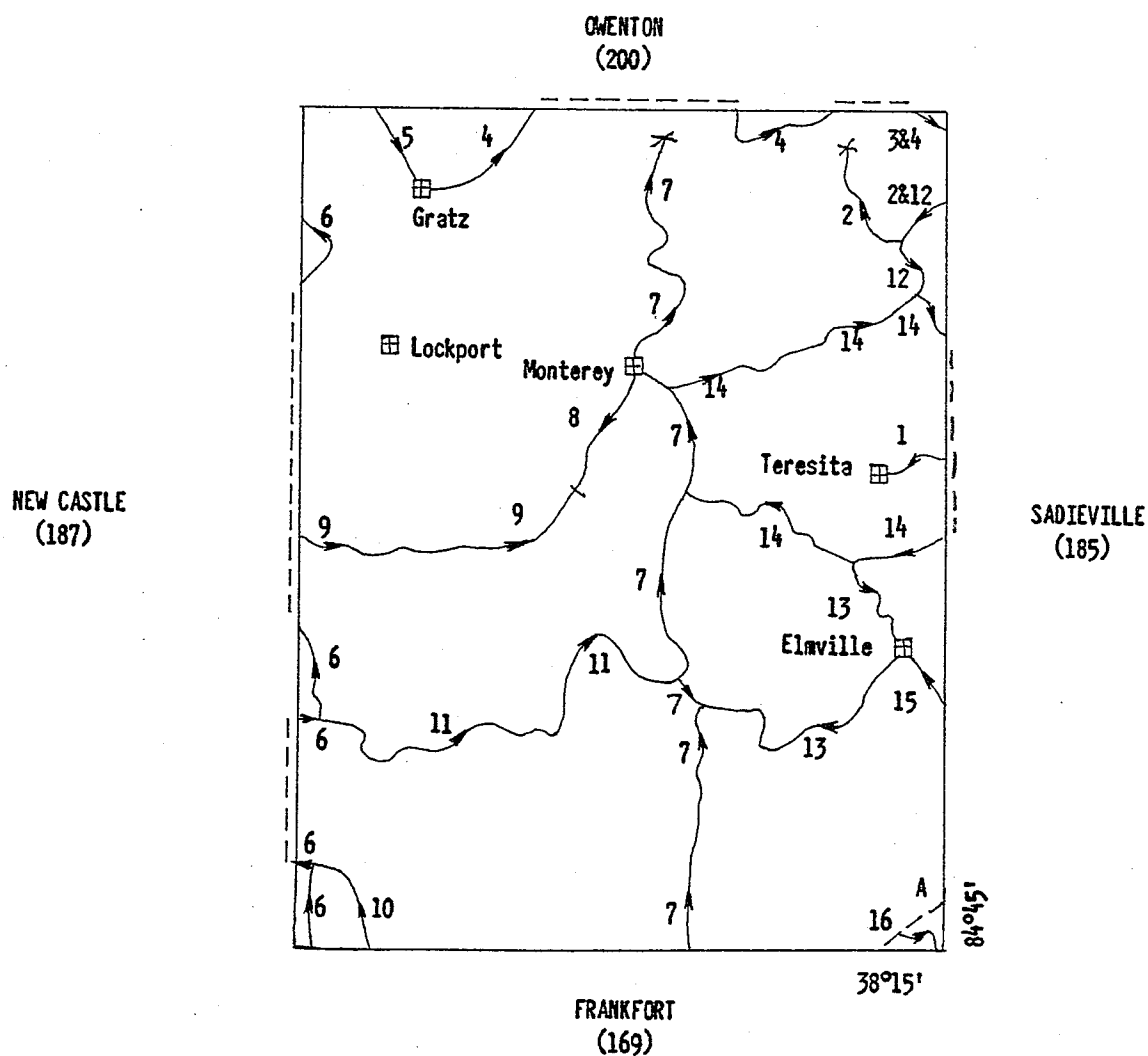
Franklin, Herny, Owen and Shelby Counties

Final adjustment of 1973

Edition of 11/8/73

PR: DSW/ca

Only the permanent marks are listed  
for lines run more than 25 years  
before edition date



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 380843

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Feet

ISOLATED BENCH MARKS (By F. H. West, 1906; Book A6508; R. G. Clinite, 1928; Book B2863)

Jacksonville, 0.9 mi E. of; 300 ft E. of junction of hwy. and I-rd. S.; in chimney between wings of old house facing hwy.; standard tablet stamped "912" (Reported destroyed, 1952)	912.152
Harpers Ferry, 0.5 mi S. of; on N. side of rd.; at residence of Mr. Harding; in chimney; standard tablet not stamped (Reported destroyed, 1952)	880.241
Lockport; 3 ft from N. end of W. wall of Lock No. 2; in wall; standard tablet stamped "450"	450.210
Gratz, 0.5 mi SW. of; at junction of Y-rds.; in frontyard of residence of E. I. Shannon; 43 ft SE. of SE. corner of house; 12 ft SW. of horseshoe nailed to walnut tree; on iron post; standard cap stamped "PRIM TRAV STA NO 28 1904 496" (Reported destroyed, 1952)	495.883
Gratz; on N. side of residence of Joe Scott; in E. face of chimney; standard tablet stamped "484 1903"	484.046
Hesler; 0.1 mi N. of Hesler's Store; at residence of J. O. Bannon; in stone foundation; standard tablet not stamped (Reported not found, 1952)	941.649
Teresita, 3.5 mi W. of; on E. side of rd.; W. from junction of Cedar and Indian Creeks; at residence of Mr. Conway; in chimney; standard tablet stamped "636" (Reported destroyed, 1952)	635.611
Elmville; in E. side of N. face of residence of R. B. Givin; standard tablet stamped "720" (Reported destroyed, 1952)	719.493
Peaks Mill, 0.8 mi N. of; in S. end of E. abutment of bridge over Camp Pleasant Branch; standard tablet stamped "526" (Reported destroyed, 1952)	525.224
Switzer, 3.2 mi N. of; at Jackson's Store; in S. abutment of bridge over Peaks Mill Pike; standard tablet stamped "542" (Reported destroyed, 1952)	541.681
Switzer, 40 ft W. of RR. station; 9 ft S. of track; in culvert; standard tablet stamped "732"	732.376
Defoe, 3.5 mi E. of; near Thurmans Store; in E. corner of yard at residence of Jack Thurman; 12 ft NW. of SE. corner of fence; on iron post; standard cap stamped "PRIM TRAV STA NO 27 1904" (Reported not found, 1952)	881.515

LINE 1.

By C. E. Walker, 1929; Book B3000

Teresita, on N. side of Indian Creek; in front of residence of Jack Gaines; in slab in creek; standard tablet stamped "2 WA 1929 KY IT"	687.184
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LINE 2.Feet

By C. E. Walker, 1929; Book B3000

Hallman, 0.8 mi S. of; on W. side of rd.; at residence of James Taylor; in stone chimney; standard tablet not stamped (Reported not found, 1952)

939.636

LINE 3.

By E. O. Miner, 1949; Book AV 86

Breck, 1.4 mi W. of; 18 ft S. and 60 ft W. of centerline of rd. at junction of drive SE. to house; in concrete post; standard tablet stamped "45 EOM 1949 883"

882.652

Reference Mark; 240 ft E. of tablet; 10 ft N. of centerline of rd.; in stump; spike nail

884.87

LINE 4.

By J. W. McLaughlin, 1949; Book AV 104

U.E., Gratz, 1.1 mi NE. of; 15 ft NW. of centerline of State Highway 22 at junction of lane SE.; on N. end of stone masonry culvert; chiseled square

551.65

Gratz, 1.9 mi NE. of, along State Highway 22; grassy triangle formed by junction of hwy. and drive W.; 33 ft N. of centerline of Highway 22; 15 ft S. of centerline of private drive W.; 3 ft E. of wire fence; in concrete post; standard tablet stamped "TT 19 DWP 1949"

830.401

Reference mark, 380 ft E. of tablet; 12 ft N. of centerline of hwy.; on NE. end of stone masonry culvert; chiseled square

832.89

[Jogs into Owenton Quadrangle]

Owenton, 1.7 mi SE. of, along State Highway 22, thence 2.0 mi W.; 20 ft SW. of centerline of rd. at junction of drive W. to barn; 3 ft E. of fence corner; in concrete post; standard tablet stamped "102 JWM 1949 884"

884.450

Reference mark; 220 ft N. of tablet; 15 ft W. of centerline of rd.; in root on E. side of 18-in. oak tree; copper nail and washer

892.58

U.E., Owenton, 1.7 mi SE. of, thence 2.8 mi S.; over Slippery Rock Creek; chiseled square

721.236

U.E., Hallam, 2.3 mi SW. of; 12 ft SE. of centerline of rd. at junction of Y-rd. SW.; in root on N. side of 18-in. oak tree; copper nail and washer

808.22

U.E., Hallam, 1.8 mi SW. of; 6 ft N. of centerline of rd.; in root on S. side of 14-in. oak tree; copper nail and washer

892.24

Hallam, 1.4 mi SW. of; 22 ft SE. of centerline of rd.; 38 ft SE. of S. corner of garage; 30 ft S. of small shed; 3 ft W. of fence corner; in concrete post; standard tablet stamped "103 JWM 1949 907"

907.304

LINE 1 Cont'd.)Feet

Reference mark; 170 ft W. of tablet; 7 ft N. of centerline of rd.; in root on S. side of centerline of rd.; in root on S. side of 16-in. elm tree; copper nail and washer

900.00

U.E., Hallam, 1.0 mi SW. of; 7 ft S. of centerline of rd.; in root on N. side of 12-in. oak tree; copper nail and washer,

918.69

[Jogs into Owenton Quadrangle]

"45 ECM 1949 883" (Described in line 3)

882.652

LINE 5.

By J. W. McLaughlin, 1949; Book AV 104

Perry Park, 4.3 mi SE. of, along State Highway 355; 1.6 mi NW. of Gratz; 35 ft NE. of centerline of crossroads; 11 ft S. of fence corner; in concrete post; standard tablet stamped "117 JWM 1949 865"

864.564

Reference mark; 200 ft S. of tablet; 25 ft SW. of centerline of hwy.; on NW. end of concrete headwall of culvert; chiseled square

854.67

U.E., Gratz, 0.6 mi NW. of; 15 ft E. of centerline of hwy.; on N. end of L-shaped concrete culvert; chiseled square

662.94

LINE 6.

By R. H. Paine, 1952; Book AV 322

Jacksonville, 0.9 mi E. of, along State Highway 12, thence 1.7 mi S.; 16 ft E. of centerline of rd. at junction of dirt rd. W.; 5 ft SW. of 18-in. hickory tree; 1 ft W. of fence; in concrete post; standard tablet stamped "84 RHP 1952 882"

381.650

Jacksonville, 0.9 mi E. of, along State Highway 12; 21 ft S. and 17 ft E. of centerline of hwy. at junction of Mt. Zion Pike; in corner of yard; in concrete post; standard tablet stamped "85 RHP 1952 913"

913.095

Reference mark, 29 ft NW. of tablet; in centerline of rd. at junction of I-rd. S.; rail spike

911.47

U.E., Jacksonville, 3.4 mi N. of, thence 0.5 mi E.; on NW. stone wingwall of wooden bridge; chiseled square

662.36

Defoe, 3.9 mi E. of, along U. S. Highway 421; at bridge over Sixmile Creek; in E. end of S. concrete abutment; standard tablet stamped "88 RHP 1952 629"

628.746

Reference mark; 126 ft NNW. of tablet; on E. end of N. concrete abutment of bridge; chiseled square

627.37

[Jogs into New Castle Quadrangle]

LINE 6 (Cont'd.)Feet

Gratz, 2.5 mi SW. of, along State Highway 22; on property owned by Church of Christ; 45 ft SE. of SW. corner of church; 33 ft SW. of SE. corner of church; in concrete post; NGS standard triangulation station disk stamped "GRATZ 1949"

942.046

Reference mark No. 1; 27 ft SE. of station; 44 ft SE. of SE. corner of church; 20 ft W. of 12-in. walnut tree; in concrete post; NGS standard reference mark disk stamped "GRATZ NO 1 1949"

942.66

Reference mark No. 2; 31 ft N. of station; 5 ft SW. of SW. corner of church; 2 ft E. of white witness post; in concrete post; NGS standard reference mark disk stamped "GRATZ NO 2 1949"

940.85

LINE 7.

By R. H. Paine, 1952; Book AV 322

Frankfort, 6.2 mi N. of, along State Highway 35; 205 ft E. of, and 6 ft lower than centerline of Highway 35; 68 ft W. of SW. corner of Bethel Baptist Church; 17 ft E. of 16-in. red-maple tree; in concrete post; standard tablet stamped "74 RHP 1952 771"

770.950

Reference mark; 330 ft SW. of tablet; opposite SW. corner of cemetery; on S. end of W. concrete headwall of culvert; chiseled square

773.54

U.E., Swallowfield, 5.4 mi S. of; centerline of State Highway 35 at junction rd. W.; on W. concrete headwall of culvert; chiseled square

756.69

Swallowfield, 4.4 mi S. of, along State Highway 35; 40 ft SE. of centerline of Highway 35; 20 ft SW. of junction of gravel rd. SE.; 2 ft N. of corner fencepost; in concrete post; standard tablet stamped "75 RHP 1952 746"

746.175

U.E., Swallowfield, 3.4 mi S. of; at top of hill; on E. side of hwy.; in root on SW. side of 18-in. poplar tree; copper nail and washer

722.16

U.E., Swallowfield, 2.6 mi S. of; on SE. side of hwy.; on SW. end of V-shaped concrete headwall of culvert; chiseled square

551.66

Swallowfield, 2.0 mi S. of, along State Highway 35; at bridge over Elkhorn Creek; in W. end of S. concrete abutment; USED standard disk stamped "490"

489.886

490.223

*Realt 1985*

Reference mark; 250 ft N. of disk; on W. end of N. concrete abutment; chiseled square

490.26

Swallowfield, 0.6 mi S. of, along State Highway 35; 65 ft SW. of centerline of hwy. at junction of Y-rd. W.; W. end of N. concrete abutment of bridge over Long Branch; standard tablet stamped "76 RHP 1952 494"

490.015

494.052

*Realt 1985*

Reference mark; 107 ft SSE. of tablet; on S. end of E. concrete wheelguard; chiseled square

494.62

LINE 7 (Cont'd.)Feet

U.E., Swallowfield, at Smiths Grocery & Service Station; on N. end of concrete base for gasoline pumps; chiseled square	539.64
Swallowfield, 1.6 mi N. of, along State Highway 35; 250 ft N. of Franklin-Owen County line; 70 ft SE. of crossroads; in N. end of E. concrete headwall of culvert; standard tablet stamped "77 RHP 1952 705"	705.104
Swallowfield, 3.2 mi N. of, along State Highway 35; 45 ft N. of junction of I-rd. NW.; 33 ft NW. of centerline of Highway 35; 30 ft NE. of centerline of graveled rd.; 13 ft NE. of 40-in. elm tree; in concrete post; standard tablet stamped "78 RHP 1952 658"	658.009
Reference mark, 13 ft SW. of tablet; in root on SE. side of 40-in. elm tree; copper nail and washer	656.75
Swallowfield, 4.9 mi N. of, along State Highway 35; 2.0 mi SE. of Monterey; 23 ft NE. of, and 1 ft higher than centerline of hwy. at junction of dirt rd. NW.; 4 ft SE. of 12-in. poplar tree; in concrete post; standard tablet stamped "79 RHP 1952 716"	716.455
Reference mark; 30 ft SW. of tablet; in root on NE. side of 16-in. hickory tree; copper nail and washer	715.63
Monterey; 20 ft W. of, and level with centerline of State Highway 35, at junction of I-rd. SW.; at bridge over Cedar Creek; in SW. end of SE. concrete abutment; standard tablet stamped "80 RHP 1952 487"	486.867
Reference mark; 260 ft NW. of tablet; on NE. end of NW. concrete abutment of bridge over Cedar Creek; chiseled square	486.83
U.E., Monterey, 0.6 mi N. of; about 150 ft S. of junction of State Highways 35 and 355; on SW. end of SE. concrete headwall of culvert; chiseled square	551.35
Monterey, 2.0 mi N. of, along State Highway 35; 25 ft NW. of centerline of Highway 35; 12 ft SW. of junction of graveled rd. NW.; 4 ft S. of 24-in. white oak tree; in concrete post; standard tablet stamped "81 RHP 1952 881" (Reported disturbed, 1952)	881.122
Monterey, 3.9 mi N. of, along State Highway 35; at bridge over Severn Creek; in W. end of N. concrete abutment; standard tablet stamped "82 RHP 1952 628"	628.177
Reference mark; 107 ft SE. of tablet; on S. end of E. wheelguard; chiseled square	626.93
U.E., Monterey, 4.4 mi N. of; on W. side of State Highway 35; on V-shaped concrete headwall of culvert; chiseled square	683.48
Azimuth mark; Owenton, 4.4 mi SW. of; 30 ft E. of centerline of State Highway 35; 24 ft SW. of NW. corner of frame building; 2 ft N. of white witness post; NGS standard azimuth mark disk stamped "CEDAR HILL 1949"	887.107

LINE 7 (Cont'd.)Feet

Owenton, 4.0 mi SW. of, along State Highway 35; on property owned by Dedar Hill School;  
46 ft W. of centerline of State Highway 35; 111 ft E. of NE. corner of frame house; 12 ft  
N. of 24-in. maple tree; NGS standard triangulation station disk stamped "CEDAR HILL 1949" 893.338

Reference mark No. 1; 113 ft NE. of station; 14 ft N. and 61 ft W. of centerline of hwy.  
at junction of graveled rd.; 2 ft W. of white witness post; NGS standard reference mark  
disk stamped "CEDAR HILL NO 1 1949" 892.42

Reference mark No. 2; 107 ft NW. of station; 22 ft S. of centerline of graveled rd.; 70 ft  
NE. of NE. corner of frame house; NGS standard reference mark disk stamped  
"CEDAR HILL NO 2 1949" 895.82

Owenton, 4.0 mi SW. of; at residence of H. W. Scott; in NW. corner of foundation; standard  
tablet stamped "898 1903" 897.691

LINE 8.

By R. H. Paine, 1952; Book AV 322

Reference mark; chiseled square (Described in line 7) 486.83

"80 RHP 1952 487" (Described in line 7) 486.867

Monterey, 3.2 mi S. of; 0.2 mi S. of; 0.2 mi E. of E. bank of Kentucky River; at residence  
of Mr. Hawkins; in NW. corner of foundation; standard tablet stamped "499 1903" 498.435

LINE 9.

By R. H. Paine, 1952; Book AV 322

U.E., Harpers Ferry, 3.6 mi W. of; on NE. concrete wingwall of bridge; chiseled square 587.79

Harpers Ferry, 2.0 mi W. of; 105 ft WSW. of and 4 ft higher than centerline of State  
Highway 561 at junction of Y-rd.; 43 ft NW. of centerline of graveled rd. S.; 23 ft S.  
of centerline of graveled rd. W.; 5 ft W. of 12-in. white oak tree; in concrete post;  
standard tablet stamped "94 RHP 1952 826" 825.526

Harpers Ferry; 34 ft W. of centerline of State Highway 561; in line with dim rd. E.; on  
6 ft bank; in concrete post; standard tablet stamped "95 RHP 1952 892" 891.973

Reference mark; 185 ft S. of tablet; on W. end of concrete tile culvert; chiseled square 889.82

U.E., Harpers Ferry, 0.9 mi E. of; 35 ft N. of, and 5 ft higher than forks of creek; in  
root on E. side of leaning 14-in. sycamore tree; copper nail and washer 598.59

U.E., Harpers Ferry, 2.2 mi E. of; on right bank of creek; in root on S. side of hollow  
72-in. sycamore tree; copper nail and washer 485.54



LINE 9 (Cont'd.)Feet

Harpers Ferry, 3.0 mi E. of; 4.0 mi up Kentucky River from Monterey; 350 ft N. of Sand Ripple Creek; 250 ft W. of W. bank of Kentucky River; 15 ft SE. of centerline of rd.; 1 ft W. of NW. corner of barn at Mr. Hawkins; in concrete post; standard tablet stamped "96 RHP 1952 487"

487.448

"499 1903" (Described in line 8)

498.435

LINE 10.

By R. H. Paine, 1952; Book AV 322

Jacksonville, 1.7 mi E. of, along State Highway 12, thence 1.3 mi SE.; 19 ft S. and 30 ft E. of, and 7 ft higher than centerline of rd. at junction of graveled drive E.; in concrete post; standard tablet stamped "105 RHP 1952 875"

875.370

"85 RHP 1952 913" (Described in line 6)

913.095

LINE 11.

By R. H. Paine, 1952; Book AV 322

U.E., Jacksonville, 3.4 mi N. of, thence 0.5 mi E.; chiseled square (Described in line 6)

662.36

Jacksonville, 0.9 mi E. of, thence 2.6 mi NE.; at Lebanon Church; in N. face of foundation standard tablet stamped "890 1903"

889.424

Flag Fork, 1.1 mi S. of, along U. S. Highway 421; 2.0 mi E. of Lebanon Church; 100 ft W. of Flat Creek; at bridge over Hudson Creek; in S. end of E. concrete wheelguard; standard tablet stamped "97 RHP 1952 662"

662.104

Reference mark; 20 ft N. of tablet; on N. end of E. concrete wheelguard of bridge; chiseled square

662.08

U.E., Flag Fork, 0.8 mi E. of; at forks of Flat Creek and Willow Branch; on ledge rock in creek; chiseled square

618.84

Flag Fork, 1.6 mi E. of; at bridge over Flat Creek; in S. end of W. concrete abutment; standard tablet stamped "98 RHP 1952 598" *see reset at end of grid*

~~598.458~~  
~~597.975~~

Reference mark; 72 ft NE. of tablet; on E. end of N. concrete wheelguard of bridge; chiseled square

598.26

Polsgrove, 2.9 mi SW. of; at steel bridge over Flat Creek; in NW. concrete wingwall; standard tablet stamped "99 RHP 1952 555"

555.141

Reference mark, 60 ft S. of tablet; on SW. concrete wingwall of steel bridge; chiseled square

555.46

LINE 11 (Cont'd.)Feet

U.E., Polsgrove, 2.7 mi SW. of; at concrete bridge over Flat Creek; on SW. end of NW. concrete wheelguard; chiseled square

547.49

Polsgrove, 0.5 mi S. of; 22 ft W. of centerline of paved rd.; 2 ft SE. of SE. corner of Mt. Carmel Baptist Church; in concrete post; standard tablet stamped "100 RHP 1952 563"

562.729

Swallowfield, 0.6 mi S. of, thence 2.2 mi W.; just across the Kentucky River from Polsgrove; in SE. end of NE. concrete wheelguard of bridge; standard tablet stamped "101 RHP 1952 493"

492.937

"76 RHP 1952 494" (Described in line 7)

*Reset 1985*

490.015  
~~494.118~~

Reference mark; chiseled square (Described in line 7)

494.62

LINE 12.

By R. H. Paine, 1952; Book AV 322

Richland Baptist Church, 1.0 mi NW. of, along U.S. Highway 227, thence 1.2 mi NE.; 2.4 mi SW. of Breck; 18 ft N. and 100 ft W. of, level with centerline of State Highway 845 at junction of Y-rd. NW.; 2 ft SE. of SE. corner of barn; in concrete post; standard tablet stamped "111 RHP 1952 935"

934.956

U.E., Richland Baptist Church, 1.0 mi NW. of; 50 ft N. of, and level with centerline of U.S. Highway 845 NE.; on NW. end of NE. concrete headwall of culvert; chiseled square

931.10

Hesler, 1.5 mi SE. of, along U.S. Highway 227; at Richland Baptist Church; 38 ft NE. of NE. corner of church; 10 ft S. of centerline of graveled driveway; 5 ft E. of white witness post; 4 ft S. of fenceline; in concrete post; NGS standard triangulation station disk stamped "RICHLAND 1949"

967.739

Reference mark No. 1; 12 ft NE. of station; 8 ft S. of centerline of graveled driveway; 2 ft S. of fence; NGS standard reference mark disk stamped "RICHLAND NO 1 1949"

967.43

Reference mark No. 2; 41 ft S. of station; in N. end of concrete step at E. entrance to church; NGS standard reference mark disk stamped "RICHLAND NO 2 1949"

970.44

LINE 13.

By R. H. Paine, 1952; Book AV 322

Tacketts Mill; 2.9 mi NW. of Elmville; 212 ft S. and 14 ft W. of, and 1 ft lower than centerline of State Highway 368 at junction of T-rd. E.; in SE. end of SW. concrete headwall of large box culvert; standard tablet stamped "119 RHP 1952 648"

647.803

U.E., Tacketts Mill, 0.5 mi SE. of; 25 ft E. of, and 5 ft lower than centerline of State Highway 368; on S. end of E. concrete headwall of culvert; chiseled square

653.51

LINE 13 (Cont'd.)Feet

U.E., Tacketts Mill, 1.2 mi SE. of; on E. side of State Highway 368; on V-shaped concrete headwall of culvert; chiseled square 666.09

Elmville; 0.1 mi NW. of store; 40 ft SW. of, and 3 ft lower than centerline of State Highway 368 at junction of graveled rd. SW.; in SE. end of NE. concrete abutment of bridge over Cedar Creek; standard tablet stamped "122 RHP 1952 705" 704.869

Elmville, 1.6 mi SW. of; 120 ft SW. of, and 5 ft lower than centerline of rd. at top of hill between two rock walls; 28 ft W. of, and 4 ft higher than intersection of paved rd. and cross drives; 6 ft E. of 24-in. elm tree; in concrete post; standard tablet stamped "123 RHP 1952 846" 845.732

Elmville, 3.6 mi SW. of; 1.3 mi NE. of Peaks Mill; 30 ft N. of and 2 ft higher than centerline of rd. at junction of Y-rd.; in W. end of S. concrete abutment of small steel girder bridge; standard tablet stamped "124 RHP 1952 568" 568.307

Swallowfield, 1.0 mi S. of, along State Highway 35, thence 1.2 mi E.; 2.6 mi NW. of Peaks Mill; 100 ft WSW. of, and 7 ft higher than intersection of paved rd. and cross drives; 18 ft S. of centerline of paved rd.; 6 ft N. of 14-in. cedar tree; in concrete post; standard tablet stamped "125 RHP 1952 599" 599.049

"76 RHP 1952 494" (Described in line 7) (Also in line 11) *Reset 1985* ~~490.015~~  
~~494.052~~

Reference mark; chiseled square (Described in line 7) (Also in line 11) 494.62

LINE 14.

By R. H. Paine, 1952; Book AV 322

"80 RHP 1952 487" (Described in line 7) 486.867

Reference mark; chiseled square (Described in line 7) 486.83

Monterey, 1.1 mi SE. of, along State Highway 35; 100 ft E. of centerline of hwy. at junction of T-rd. E.; in concrete post; standard tablet stamped "112 RHP 1952 542" 541.884

U.E., Monterey, 1.1 mi SE. of, along State Highway 35, thence 0.9 mi E.; on floor of concrete low water bridge; chiseled square 531.18

Monterey, 1.1 mi E. of, along State Highway 35 thence 3.4 mi E.; at community of New; 250 ft SE. of community store; 50 ft W. of intersection of graveled rd. and hairpin curve of State Highway 607; in concrete post; standard tablet stamped "113 RHP 1952 675" 674.956

U.E., New, 0.4 mi E. of; on NE. concrete wingwall of bridge over Elk Lick Creek; chiseled square 655.64

New, 0.4 mi E. of, along State Highway 607, thence 0.4 mi N.; 6 ft N. of rd. at right-angled curve and junction of private rd. W.; 2 ft S. of fence; in concrete post; standard tablet stamped "114 RHP 1952 850" 849.690

LINE 14 (Cont'd.)Feet

"RICHLAND 1949" (NGS) (Described in line 12)

967.739

"RICHLAND NO 2 1949" (NGS) (Described in line 12)

970.44

Richland Baptist Church, 2.0 mi S. of, along U.S. Highway 227; 1.9 mi N. of Beechwood; at intersection of Highway 227 and State Highway 607; 39 ft NE. of centerline of Highway 227; 34 ft S. of centerline of Highway 607; 1 ft E. of concrete hwy. survey post; in concrete post; standard tablet stamped "115 RHP 1952 923"

922.310

[Jogs into Sadieville Quadrangle]

Tacketts Mill, 2.0 mi E. of; 20 ft S. and 40 ft E. of centerline of rd. at junction of private rd. E.; in concrete post; standard tablet stamped "118 RHP 1952 769"

769.057

"119 RHP 1952 648" (Described in line 13)

647.803

U.E., Tacketts Mill, 0.8 mi NW. of; on NE. side of State Highway 368; on S. end of E. V-shaped concrete headwall of culvert; chiseled square

654.50

Tacketts Mill, 2.0 mi NW. of, along State Highway 368; 0.1 mi E. of ford across Indian Creek; 15 ft S. and 45 ft E. of centerline of State Highway 368 at junction of drive S.; in top of V-shaped concrete headwall of culvert; standard tablet stamped "120 RHP 1952 628"

627.541

U.E., Swallowfield, 4.4 mi N. of, thence 1.5 mi SE.; on W. end of S. concrete wheelguard of bridge over Kays Branch; chiseled square

600.95

U.E., on W. end of S. concrete wheelguard of bridge over Morgadore Creek; chiseled square

579.15

Swallowfield, 4.4 mi N. of, along State Highway 35; 135 ft NE. of, and 2 ft lower than junction of State Highway 35 and 368; 30 ft E. of centerline of Highway 35; in E. V-shaped concrete headwall of culvert; standard tablet stamped "121 RHP 1952 674"

673.221

"78 RHP 1952 658" (Described in line 7)

658.009

Reference mark; copper nail and washer (Described in line 7)

656.75

LINE 15.

By R. H. Paine, 1952; Book AV 322

"122 RHP 1952 705" (Described in line 13)

704.869

LINE 16.

By R. H. Paine, 1952; Book AV 322

"K 147 1949" (NGS)

744.493

LOCKPORT QUADRANGLE

186 KENTUCKY

38-084-34

13

LINE 16 (Cont'd.)

Feet

Switzer; 95 ft S. of Frankfort and Cincinnati Railroad Station; 28 ft SW. of centerline of rd.;  
21 ft SE. of SE. rail; 2 ft NW. of corner fencepost; in concrete post; standard tablet  
stamped "TT 59 JRH 1952 734"

734.392

R E S E T

10-18-91

LOCKPORT QUADRANGLE  
186 KENTUCKY

FLAG FORK, 1.6 MI E. OF; AT BRIDGE ON HARP PIKE RD. OVER FLAT CREEK; IN S. END  
OF W. CONCRETE WING WALL, 12.5 FT S. OF CENTERLINE AND ABOUT 0.3 FT LOWER THAN  
ROADWAY; STANDARD TABLET STAMPED "98 RHP 1952 RESET 1991"

RESET ELEVATION 598.458 FT  
182.410 M

RESET BY KENTUCKY DEPARTMENT OF TRANSPORTATION  
FRANKFORT, KENTUCKY  
OCTOBER 1, 1991

R E S E T

8-12-97

LOCKPORT QUADRANGLE  
186 - KENTUCKY

DEFOE, 3.9 MI EAST ALONG U.S. HIGHWAY 421; AT BRIDGE OVER SIX MILE CREEK; IN THE TOP OF THE NORTHEAST END OF THE SOUTHEAST ABUTMENT; A STANDARD TABLET STAMPED "88 RHP RESET 1997"

RESET ELEVATION 632.327 FT  
192.736 M

RESET BY KENTUCKY DEPARTMENT OF TRANSPORTATION  
FRANKFORT, KENTUCKY  
JUNE 24, 1997

R E S E T

12-10-97

LOCKPORT QUADRANGLE  
186 - KENTUCKY

SWALLOWFIELD, 1.6 MI NORTH OF, ALONG U.S. HIGHWAY 127; 300 FT NORTH OF THE FRANKLIN-OWEN COUNTY LINE; 95 FT SOUTHWEST OF THE INTERSECTION OF U.S. HIGHWAY 127 AND AN ACCESS ROAD; IN SOUTHWEST CORNER OF A CONCRETE HEADWALL OF CULVERT; STANDARD TABLET STAMPED "77 RHP 1952 RESET 1996"

RESET ELEVATION 704.442 FT  
214.714 M

RESET BY KENTUCKY DEPARTMENT OF TRANSPORTATION  
FRANKFORT, KENTUCKY  
JUNE 12, 1997



HORIZONTAL CONTROL  
NORTH AMERICAN DATUM OF 1927

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

38-084-34  
LOCKPORT QUADRANGLE  
186 KENTUCKY  
N3815-W8445/15  
DIAGRAM NJ 16-6  
LOUISVILLE

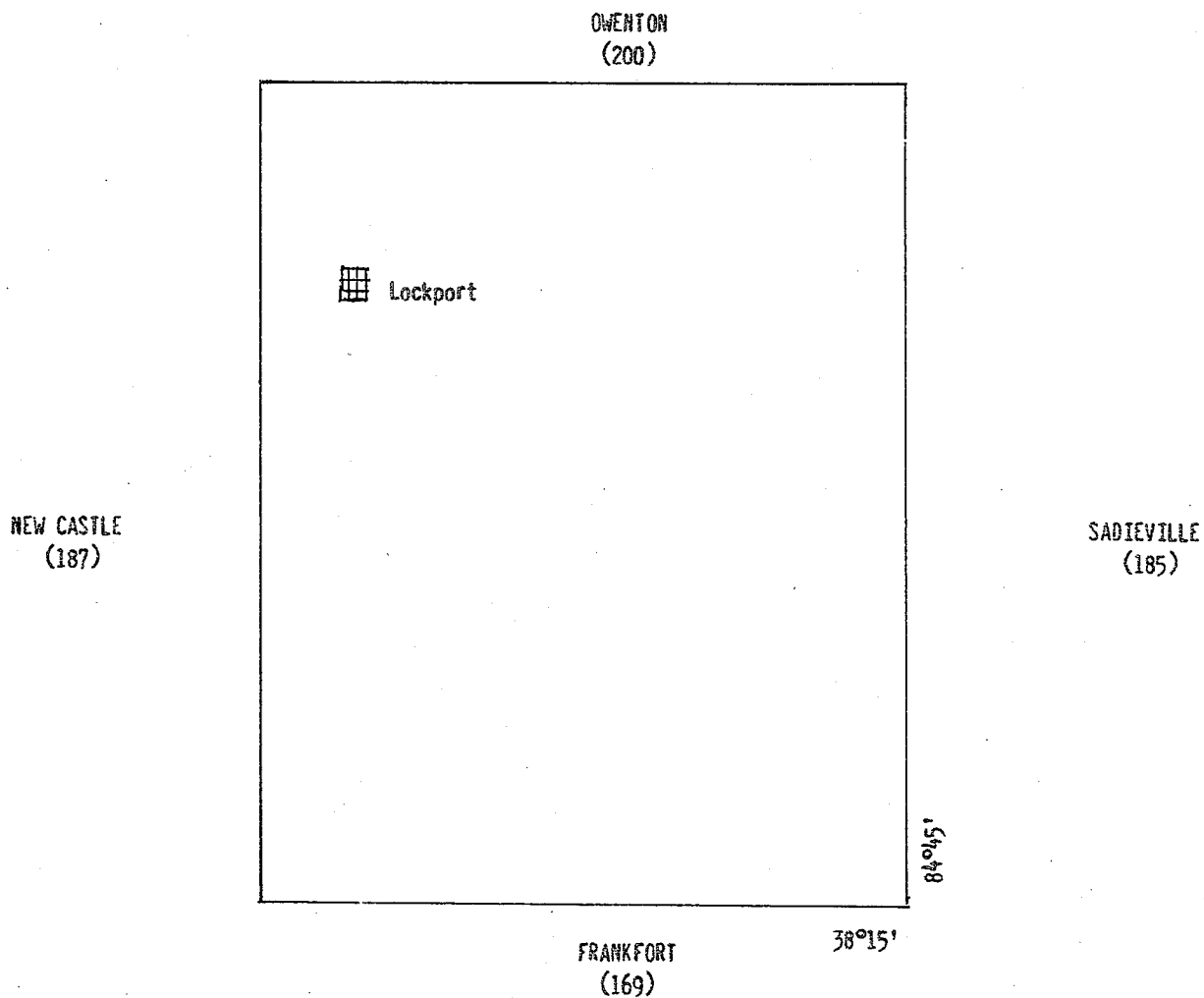
Franklin, Henry, Owen, and  
Shelby Counties

Edition of 5/18/77

PR: CRV/rmm

Plane coordinates are based on Lambert  
projection, Kentucky, North Zone

Only the permanent marks are  
listed for control classified  
obsolete and are not shown on  
sketch



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

186 KENTUCKY  
LOCKPORT QUADRANGLE

38-084-34  
N3815-W8445/15

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>
484 1903	3
PTS NO 27 1904	3
PTS NO 28 1904 496	3
PTS NO 29 1904	3
PTS NO 39 1920 KY	3
PTS NO 43 1920 KY	3
2 WA 1929 KY TT	4
TT 19 DWP 1949	3
TT 20 DWP 1949 45	4
45 EOM 1949 883 TT	4
TT 59 JRH 1952	4
84 RHP 1952 882 TT	5
85 RHP 1952 913 TT	5
88 RHP 1952 629 TT	5
111 RHP 1952 935 TT	4
115 RHP 1952 923 TT	4
118 RHP 1952 769 TT	5
119 RHP 1952 648 TT	5
122 RHP 1952 705	4

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By J. R. Ellis, 1904; Book 3477; and B. H. Yeakum, 1920; Book C5175

Defoe, 3.5 mi E. of; near Thurmans Store; in E. corner of frontyard at residence of Jack Thurman; 12 ft NW. of SE. corner of fence; on iron post; standard cap stamped "PRIM TRAV STA NO 27 1904" (Not found, 1952)

X = 1,794,434	Y = 308,100	38 20 37.95	84 58 00.22
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Hesler, 3.8 mi W. of; at Greenup Baptist Church; 31 ft NE. of NE. corner of church; 4 ft S. of retaining wall; in frontyard; on iron post; standard cap stamped "PRIM TRAV STA NO 29 1904"

X = 1,831,810	Y = 348,403	38 27 18.97	84 50 14.36
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Switzer; 48 ft NW. of S. corner of station platform; 31 ft N. of crossing post; in limestone outcrop; standard tablet stamped "PRIM TRAV STA NO 39 1920 KY"

X = 1,855,291	Y = 274,977	38 15 14.49	84 45 14.13
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Bald Knob; 380 ft NW. of high school; 70 ft W. of junction of rd. S.; 34 ft SE. of oak tree; on iron post; standard cap stamped "PRIM TRAV STA NO 43 1920 KY"

X = 1,801,721	Y = 282,557	38 16 25.99	84 56 26.39
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By D. W. Pinkston, 1949; and J. R. Ellis, 1904; Book AH 128

Gratz, 1.9 mi NE. of, along State Highway 22; 33 ft N. of centerline of hwy.; 31 ft W. of grassy triangle formed by junction of hwy. and drive W.; 15 ft S. of centerline of private drive W.; 3 ft E. of wire fence; in concrete post; standard tablet stamped "TT 19 DWP 1949"

X = 1,806,746	Y = 359,035	38 29 02.37	84 55 30.43
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Gratz; on N. side of residence of Joe Scott; in E. face of chimney; standard tablet stamped "484 1903"

X = 1,798,322	Y = 355,252	38 28 24.33	84 57 15.99
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Gratz, 0.5 mi SW. of; at junction of Y-rds.; in frontyard of E. I. Shannon; 43 ft SE. of SE. corner of house; 12 ft SW. of horseshoe nailed to walnut tree; on iron post; standard cap stamped "PRIM TRAV STA NO 28 1904 496"

X = 1,796,199	Y = 353,950	38 28 11.32	84 57 42.56
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STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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OBSOLETE MARKS (Cont'd.)

Gratz, 0.5 mi SW. of; 200 ft W. of W. end of grassy triangle formed by junction of Y-rd.; 34 ft N. of centerline of rd.; 59 ft SW. of corner of house; 2 ft N. and 2 ft E. of SW. corner of yard fence; in concrete post; standard tablet stamped "IT 20 DWP 1949"

X = 1,796,105	Y = 353,961	38 28 11.42	84 57 43.74
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By J. R. Harris, 1952; Book AH 300

Switzer; 94 ft S. of S. corner of Southern Railway station platform; 35 ft S. and 7 ft E. of center of double track RR. crossing; 23 ft SE. of SE. rail; 2 ft NW. of fence; in concrete post; standard tablet stamped "IT 59 JRH 1952"

X = 1,855,234	Y = 274,935	38 15 14.08	84 45 14.84
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Elmville, 0.1 mi NW. of store; 40 ft SW. of, and 3 ft lower than centerline of State Highway 368 at junction of graveled rd. SW.; in SE. end of NE. concrete abutment of bridge over Cedar Creek; standard tablet stamped "122 RHP 1952 705 IT"

X = 1,852,629	Y = 307,499	38 20 35.85	84 45 49.77
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Breck, 1.4 mi W. of; 18 ft S. and 60 ft W. of centerline of rd. at junction of drive SE. to house; in concrete post; standard tablet stamped "45 EOM 1949 883 IT"

X = 1,854,784	Y = 363,926	38 29 53.78	84 45 26.62
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Breck, 2.4 mi SW. of; 1.0 mi NW. of Richland Baptist Church, along U.S. Highway 227, thence 1.2 mi NE.; 18 ft N. and 100 ft W. of, and level with centerline of State Highway 845 at junction of Y-rd. NW.; 2 ft SE. of SE. corner of barn; in concrete post; standard tablet stamped "111 RHP 1952 935 IT"

X = 1,854,728	Y = 354,161	38 28 17.24	84 45 26.65
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Beechwood, 1.9 mi N. of; 2.0 mi S. of Richland Baptist Church, along U. S. Highway 227; 70 ft SE. of intersection of Highway 227 and State Highway 607; 39 ft NE. of centerline of Highway 227; 34 ft S. of centerline of Highway 607; 1 ft E. of concrete right-of-way post; in concrete post; standard tablet stamped "115 RHP 1952 923 IT"

X = 1,856,747	Y = 338,534	38 25 42.87	84 45 00.20
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Teresita; on N. side of Indian Creek; in front of residence of Jack Gaines; in slab in creek; standard tablet stamped "2 WA 1929 KY IT"

X = 1,849,157	Y = 325,621	38 23 34.80	84 46 34.66
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Tacketts Mill, 2.0 mi E. of; 20 ft S. and 40 ft E. of centerline of graveled rd. at junction of private rd. E.; in concrete post; standard tablet stamped "118 RHP 1952 769 TT"

X = 1,854,815	Y = 317,705	38 22 16.86	84 45 23.05
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Tacketts Mill; 2.9 mi NW. of Elmville; 212 ft S. and 14 ft W. of, and 1 ft lower than centerline of State Highway 368 at junction of graveled rd. E.; in SE. end of SW. concrete headwall of large box culvert; standard tablet stamped "119 RHP 1952 648 TT"

X = 1,845,103	Y = 316,332	38 22 02.74	84 47 24.88
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By T. W. Cayce, 1952; Book AH 302

Defoe, 3.9 mi E. of, along U. S. Highway 421; at concrete bridge over Sixmile Creek; in E. end of S. abutment; standard tablet stamped "88 RHP 1952 629 TT"

X = 1,786,063	Y = 306,766	38 20 24.10	84 59 45.20
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Jacksonville, 0.9 mi E. of, along State Highway 12; 21 ft S. and 17 ft E. of centerline of hwy. at junction of Mt. Zion Pike; in corner of yard; in concrete post; standard tablet stamped "85 RHP 1952 913 TT"

X = 1,785,522	Y = 282,940	38 16 28.53	84 59 49.56
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Jacksonville, 0.9 mi E. of, along State Highway 12, thence 1.7 mi S.; 16 ft E. of centerline of paved rd. at junction of dirt rd. W.; 5 ft SW. of 18-in. hickory tree; 1 ft W. of fence; in concrete post; standard tablet stamped "84 RHP 1952 882 TT"

X = 1,785,384	Y = 274,752	38 15 07.58	84 59 50.46
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